

ZHISLIN, S.G., prof.

Hang-over. Zdorov'e 6 no.9:22-23 9 '60.
(ALCOHOLISM)

(MIRA 13:8)

ZHISLIN, S.G.

Course of schizophrenia; indices and factors of the course. Zhur.
nerv. psikh. 60 no. 4:474-483 '60. (MIRA 14:4)

1. Nauchno-issledovatel'skiy institut psikhatrii (dir. - prof.
V.M. Banskchikov) Ministerstva zdavyookhraneniya RSFSR, Moskva.
(SCHIZOPHRENIA)

ZHISLIN, S.G.

Differential diagnosis of psychoses in old age. Zhur. nerv. i
psikh. 60 no. 6:707-714 '60. (MIRA 13:12)

1. Klinika psikhozov pozdnego vozrasta (zav. - prof. S.G. Zhislin)
Nauchno-issledovatel'skogo instituta psikiatrii (dir. - prof.
V.M. Banskchikov) Ministerstva zdravookhraneniya RSFSR, Moskva.
(PSYCHOSES)

ZHISLIN, Ya., kandidat tekhnicheskikh nauk.

A useful book ("Technical properties of millet, buckwheat, rice, barley, and sorghum varieties." E.P. Koz'mina. Reviewed by IA. Zhislin). Muk.-elev.prom. 22 no.1:32-3 of cover Ja '56.

(MLRA 9:5)

(Grain)

ZHISLIN, Ya.

SOKOLOV, A.

Textbook on the "Technology of grits production." IA. Zhislin. Reviewed by A. Sokolov. Muk.-elev.prom.20 no.6:31 Ja'54 (MIRA 7:8)

1. Moskovskiy tekhnologicheskii institut pishchevoy promyshlennosti
(Grain milling) (Zhislin, IA)

ZHISLIN, Ya., kand.tekhn.nauk; GRINBERG, Ye., inzh.

Scouring great crops on rubber rollers. Muk.-elev. prom. 28
no.10:16-17 0 '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy i eksperimental'no-konstruk-
torskiy institut prodovol'stvennogo mashinostroyeniya.
(Grain milling)

SOKOLOV, Aleksandr Yakovlevich, doktor tekhn. nauk, prof.;
ZHISLIN, Ya.M., kand. tekhn. nauk; KOTLYAR, L.I.,
kand. tekhn. nauk; GINZBURG, M.Ye., kand. tekhn. nauk;
FURER, G.L.; PARFENOV, K.A., kand. tekhn. nauk; RYZHOVA,
L.P., inzh., red. izd-va; MODEL', B.I., tekhn. red.

[Machines for processing grain] Mashiny dlia pererabotki
zerna. Moskva, Mashgiz, 1963. 346 p. (MIRA 16:6)

1. Glavnyy instruktor zavoda im. F.E.Dzerzhinskogo (for
Furer).

(Grain--Handling machinery)

GERNET, M.M., doktor tekhn.nauk, prof.; DIKIS, M.Ya., doktor tekhn.nauk, prof.; LUK'YANOV, V.V., doktor tekhn.nauk, prof. [deceased]; POPOV, V.I., doktor tekhn.nauk, prof.; SOKOLOV, A.Ya., doktor tekhn.nauk, prof.; SOKOLOV, V.I., doktor tekhn.nauk, prof.; SURKOV, V.D., doktor tekhn.nauk, prof.; BARANOVSKIY, N.V., kand.tekhn.nauk, dots.; BROYDO, B.Ye., kand.tekhn.nauk, dots.; BUZYKIN, N.A., kand.tekhn.nauk, dots.; GOROSHENKO, M.K., kand.tekhn.nauk, dots.; GORTINSKIY, V.V., kand.tekhn.nauk, dots.; GREBENYUK, S.M., kand.tekhn.nauk, dots.; GUS'KOV, K.P., kand.tekhn.nauk, dots.; DEMIDOV, A.R., kand.tekhn.nauk, dots.; ZHISLIN, Ya.M., kand.tekhn.nauk, dots.; KARPIN, Ye.B., kand.tekhn.nauk, dots.; KOSITSYN, I.A., kand.tekhn.nauk, dots. [deceased]; GEYSHTOR, V.S., kand.tekhn.nauk, dots.; MARSHALKIN, G.A., kand.tekhn.nauk, dots.; MOLDAVSKIY, G.Ye., kand.tekhn.nauk, dots.; ODESSKIY, D.A., kand.tekhn.nauk, dots.; PELEYEV, A.I., kand.tekhn.nauk, dots.; RUB, D.M., kand.tekhn.nauk, dots.; SKOBLO, D.I., kand.tekhn.nauk, dots.; SHUVALOV, V.N., kand.tekhn.nauk, dots.; KHMEL'NITSKAYA, A.Z., red.; SOKOLOVA, I.A., tekhn. red.

[Principles of the design and construction of machinery and apparatus for the food industries] Osnovy rascheta i konstruirovaniia mashin i apparatov pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1960. 741 p. (MIRA 14:12)

(Food industry—Equipment and supplies)

ZHISLIN, Ya. M.

Zhislin, Ya. M. - "A universal technological process for treating oats, millet, and buckwheat", Trudy Vsesoyuz. nauch.-issled. in-ta zerna i produktov ego pererabotki, Issue 17, 1949, p. 30-42.

SO: U-4110, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

KARPUKHIN, V.D.; ZHISLINA, I.L.

Low temperature oxidation of coals and rocks, Nauch. trudy
KHGI 11:27-36 '62. (MIRA 16:11)

KARPUKHIN, V.D., kand.tekhn.nauk; ZHISLINA, I.L., inzh.

Laboratory studies of low-temperature oxidation of coals and rocks.
Trudy Sem.po gor.teplotekh. no.4:57-60 '62. (MIRA 15:8)

1. Khar'kovskiy gornyy institut.
(Oxidation) (Mine ventilation--Cold weather conditions)

ZAPUDIN, V.M., student; ZHISLINA, L.S., kand. tekhn. nauk

Substituting uniformly perforated steel belts for wire
belts in conveyors. Nauch. trudy MTILP no.26:253-
256 '62. (MIRA 17:5)

1. Kafedra soprotivleniya materialov Moskovskogo tekhnologicheskogo
instituta legkoy promyshlennosti.

44962

106200

S/124/63/000/001/038/080
D234/D308

AUTHOR: Zhislina, L.S.

TITLE: Strength design of perforated plates stretched in their plane

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 1, 1963, 6, abstract 1V35 (Nauchn. tr. Mosk. tekhnol. in-t legkoy prom-sti. 1961, no. 23, 248-268) ✓

TEXT: To find the stresses at various points of a perforated plate stretched in its plane, the author uses the approximate theory of a curved beam first proposed by S.P. Timoshenko for the case of a single opening. By repeated separation of a curved beam pattern from the plate and using expressions for this beam, the author succeeds in approximate estimation of the stress at different points of the plate. It is stated that the stress diagrams found by calculation agree closely with those found experimentally.

[Abstracter's note: Complete translation]

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ZHISLINA, L.S., kand. tekhn. nauk, starshiy prepodavatel'

Design for strength of uniformly perforated plates loaded in the same plane. Nauch. trudy MTILP no.27:253-260 '63.

Methods for designing uniformly perforated plates loaded in their plane. Ibid.:261-273

(MIRA 17:11)

1. Kafedra soprotivleniya materialov Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

ZHISLINA, L.S., kand. tekhn. nauk, dotsent

Calculating uniformly perforated plates in the elastoplastic
phase of loading. Izv. vys. ucheb. zav.; mashinostr. no.4:
36-44 '65. (MIRA 18:5)

ZHISLINA, L.S., kand. tekhn. nauk, docent; SEMENOV, Ya.A., inzh.

Determining the cylindrical rigidity of uniformly perforated plates.
Nauch. trudy MTIP no.28:275-282 '69. (BIRA 17:11)

1. Kafedra soprotivleniya materialov Moskovskogo tekhnologicheskogo
instituta legkoy promyshlennosti.

ZHISLINA, M.M.

Metastases in the lungs in primary cancer of the bronchi. Trudy
TSIU 62:99-104 '63. (MIRA 18:3)

1. I kafedra rentgenologii (zav. zasluzhennyy deyatel' nauki prof.
S.A.Reynberg) Tsentral'nogo instituta usovershenstvovaniya vrachey.

EXCERPTA MEDICA Sec 9/Vol 13/5 SURGERY May 59

2754. ROENTGEN DIAGNOSIS OF RETROPERITONEAL SUBDIAPHRAGMATIC ABSCESES (Russian text) - Zhislina M. M., Petropavlovskaya N. N. and Pipko A. S. - *KHIRURGIYA* 1958, 4 (42-45) illus. 4

X-ray diagnosis of retroperitoneal abscesses is possible. It mainly depends on the presence of gas. Investigation of the gastrointestinal tract may lead to a correct diagnosis of retroperitoneal subdiaphragmatic abscess. Examination of the patient in the lateral position is very important and should always be performed. It makes it possible to verify the topographical location of the abscess, i.e. to decide whether it is intra- or retroperitoneal. Establishment of its topographical location determines the surgical approach. (IX, 4)

USSR/General Problems of Pathology - Tumors. Comparative
Oncology. Tumors of Man

U

Abs Jour : Ref Zhur Biol., No 6, 1959, 27444

Author : Zhislina, M.M.

Inst :

Title : A Case of Carcinoma Which Developed in the Esophageal
Diverticulum

Orig Pub : Klinich. meditsina, 1956, 34, No 10, 70

Abstract : No abstract.

Card 1/1

ZHISLINA, M.M.

FRIDKIN, V.Ya.; ZHISLINA, M.M.

Certain characteristics of the X ray picture of lobar atelectasis.
Vest.rent.i rad. no.5:14-20 S-0 '53. (MLRA 7:1)

Chair Roentgenology, (Chief,
1. Iz kafedry rentgenologii (zaveduyushchiy - professor Yu.N.
Sokolov) Tsentral'nogo instituta usovershenstvovaniya vrachey
na baze bol'nitsy im. S.P.Botkina* (nauchnyy rukovoditel' - Sci. Mgr.
zasluzhennyy deyatel' nauki professor S.A.Reynberg).
Merited Worker of Science / (Lungs--Collapse) (X rays)

*Central Inst. for Advanced Training of Physicians, at base Hospital imeni S. P.
Botkin /Moscow/

ZHISLINA, M.M., kand.med.nauk, PETROPAVLOVSKAYA, N.I., PIPKO, A.S., doktor
med.nauk

X-ray diagnosis of retroperitoneal subdiaphragmatic abscesses.
[with summary in English]. Khirurgiya 34 no.4:42-45 Ap '58 (MJRA 11:7)

1. Iz 1-y kafedry rentgenologii i radiologii (zav. - zaslushennyy
deyatel' nauki prof. S.A. Reynberg) TSentral'nogo instituta
usovershenstvovaniya vrachev (dir. V.P. Lebedeva) na baze bol'nitsy
imeni S.P. Botkina (glavnyy vrach - prof. A.N. Shabanov).

(RETROPERITONEAL SPACE, abscess

subdiaphragmatic, x-ray diag. (Rus))

(DIAPHRAGM, abscess

same (Rus))

FRIDKIN, V.Ya.; ZHISLINA, M.M.; GEL'SHTEYN, V.Ye.

Acute pulmonary edema; clinical roentgenological comparisons. Khim.
med. 38 no.5:72-80 My '60. (MIRA 13:12)
(PULMONARY EDEMA)

ZHISLINA, M. M.

FD 224

USSR/Medicine - Roentgenology

Card 1/1

Author : Zhislina, M. M.

Title : Diagnosis of residual pleural cavities and bronchial fistulas by the method of fistulography

Periodical : Vest. Rent. i Rad. 92-93, Mar/Apr 1954

Abstract : Pleurofistulography permits one to localize the cavity, determine its size, and the direction of the fistula leading to it. Secondary pleuro-fistulography permits one to observe the change in form and size of the residual cavity after operation. Two drawings; two photographs (X-rays).

Institution : X-Ray Department (Chief - Professor I. L. Tager) Hospital imeni S. P. Botkin (Head Physician - S. A. Chesnokov)

APPROVED FOR RELEASE: 07/19/2001 L.G. CIA-RDP86-00513R002064820011-7

Case of pulmonary coccidioidomycosis. Klin.med. no.12:92-95 '61.
(MIRA 15:9)

1. Iz 1-y kafedry rentgenologii i radiologii (zav. - zasluzhennyy deyatel' nauki prof. S.A. Reynberg) i kafedry patologicheskoy anatomii (zav. - prof. P.P. Yerofeyev) Tsentral'nogo instituta usovershenstvovaniya vrachev.

(LUNGS--DISEASES) (COCCIDIOIDOSIS)

ZHISLINA, M.M. (Moskva)

A case of cancer which developed in an esophageal diverticulum.
Klin.med. 34 no.10:70 O '56. (MIRA 10:1)

1. Iz rentgenovskogo otdeleniya Moskovskoy gorodskoy ordena Lenina
klinicheskoy bol'nitsy imeni S.P.Botkina (nauchnyy rukovoditel' -
zasluzhennyy deyatel' nauki prof. S.A.Reynberg, zav. otdeleniyem
N.N.Braytseva, glavnyy vrach - prof. A.N.Shabanov)
(ESOPHAGUS, neoplasms
cancer in diverticulum of esophagus)

SHERMAN, S.I., prof.; ZHISLINA, Z.G.

Red blood picture in peptic ulcer. Akt.vop.pereb.krovi no.4:198-200
'55. (MIRA 13:1)

1. Gematologicheskaya klinika Leningradskogo instituta perelivaniya
krovi.

(PEPTIC ULCER)

(ERYTHREMIA)

ACC NR: AP6019284

SOURCE CODE: GE/0030/66/015/002/K105/K108

AUTHOR: Zhitar, V.; Oksman, Ya.; Radautsan, S.; Smirnov, V.

ORG: Institute of Applied Physics, Academy of Sciences, MSSR; Kishinev Polytechnical Institute

TITLE: Some photodielectric and luminescent properties of new semiconducting single crystals of the $\text{Zn}_3\text{In}_2\text{S}_6$ phase

SOURCE: Physica status solidi, v. 15, no. 2, 1966, K105-K108

TOPIC TAGS: semiconductor single crystal, semiconductor conductivity, luminescent crystal, sulfide, indium compound, zinc sulfide, photoelectric property, forbidden zone width, photoconductivity

ABSTRACT: Basic differences are shown to exist between the properties of $\text{Zn}_3\text{In}_2\text{S}_6$ crystals and those of ZnIn_2S_3 . Earlier studies of this new semiconductor phase of the $\text{ZnS-In}_2\text{S}_3$ system have been reported by the authors (*Izv. Akad. Nauk MSSR*, 2, 9, (1965)). The photodielectric and luminescent properties of the crystals were studied in order to determine the width of the forbidden zone and the position of extrinsic levels. The width of the forbidden zone (2.76-2.82 eV) determined by the photodielectric method agreed with measurements made by optical absorption methods. The optical quenching spectrum of the photoconductivity and the spectral distribution of the pho-

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ACC NR: AP6019284

toluminescence were also measured at temperatures of 295°K and 77°K. Quenching maxima occurred at 604 and 550 nm and photoluminescence maxima at 1.83 and 2.06 ev. Orig. art. has: 3 figures.

SUB CODE: 20,11/ SUBM DATE: 25Apr66/ ORIG REF: 008/ OTH REF: 002

Card 2/2

ZHITAR', V.D.

Clinical and diagnostic value of determining the activity of
aldolase in epidemic hepatitis. Zdravookhraneni 4 no. 1:36-40
Ja-F '61. (MIRA 14:2)

1. Iz kafedry infektsionnykh bolezney (zav. - dots. I.R. Drobinskiy)
Kishinevskogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS) (ALDOLASE)

SHITAR', V.D.

Treatment of coli-enteritis patients. Trudy Kish.gos.med.inst.
13:99/10: '60. (MIRA 16:2)

1. Kafedra infektsionnykh bolezney Kishinevskogo gosudarstvennogo
meditsinskogo instituta.
(INTESTINES—DISEASES) (ANTIBIOTICS) (ESCHERICHIA COLI)

STAROSTENKO, N.T.; SHLYAKHOV, E.N.; DROBINSKIY, I.R.; BONDURYANSKIY, I.P.;
VIZITIY, A.F.; SHROYT, I.G.; ZHITAR', V.D.; KOROVINA, T.V.;
LEBENZON, N.N.

Botkin's epidemic hepatitis in Moldavia and measures for its
control. Zdravookhranenie 5 no.3:33-38 My-Je '62. (MIRA 16:1)

1. Iz kafedry fakul'tetskoy terapii, infektsionnykh bolezney,
mikrobiologii, gospi'tal'noy terapii Kishinevskogo meditsinskogo
instituta (rektor - dotsent N.A.Testemitsanu), Moldavskogo
instituta epidemiologii, mikrobiologii i gigiyeny (direktor -
dotsent N.N.Iezhov) i Kishinevskogo gorodskogo otdela zdravo-
okhraneniya (zav. - P.P.Kozishkurt). Nauchnyy rukovoditel'
zasluzhennyy deyatel' nauki prof. N.T.Starostenko.
(MOLDAVIA--HEPATITIS, INFECTIOUS)

USSR / Pharmacology, Toxicology. Chemotherapeutic
Preparations.

V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42478.

Author : Zhitar, V. D.

Inst : Moldavian Branch of the All-Union Scientific
Society of Microbiologists, Epidemiologists and
Infectiologists.

Title : Experimental Streptomycin Therapy in Dysentery.

Orig Pub: Sb. nauchn. rabot. Mold. otd. Vses. nauchn. o-va
mikrobiol., epidemiol. i infektsionistov, 1957,
vyp. 2, 119-121.

Abstract: No Abstract.

Card 1/1

58

L 4739-66 EWI(l)/EWT(m)/I/EWP(t)/ETI IJP(c) WNW/JD/JG

ACC NR: AR602576

SOURCE CODE: UR/0058/66/000/004/A076/A076

AUTHOR: Zhitar', V. F.; Goryunova, N. A.; Radaytsan, S. I.

TITLE: Growth of single crystals from the gas phase in the zinc-indium-sulfur system

SOURCE: Ref. zh. Fizika, Abs. 4A638

REF. SOURCE: Sb. Simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. materialov, 1965. Tezisy dokl. Novosibirsk, 1965, 9-10

TOPIC TAGS: single crystal growing, zinc containing alloy, indium containing alloy, sulfide, antimonide, uniaxial crystal, transport phenomenon

ABSTRACT: Conditions are developed for obtaining single crystal plates of the chemical compounds $ZnIn_2S_4$ (I) and Zn_2Sb (II) by the method of gas-transport reactions using iodine as the carrier. The maximum dimensions of the obtained plates are 18 x 12 mm for I and 12 x 7 mm for II at ~ 0.1 mm thickness. The investigated ternary sulfides, and also their initial binary compounds, could be obtained by combining the synthesis reaction and the single-crystal growth reaction from the gas phase. To this end, initial elements of high degree of purity were used in a specified stoichiometric ratio. Crystals of compound II are optically uniaxial and have photoelectric properties. The possibility of applying the method of chemical transport reactions for doping I

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L 47339-66

ACC NR: AR6025762

and II with Cu and Ag is investigated. [Translation of abstract].

SUB CODE: 20

Card 2/2 pb

ACC NR: AP6027947

SOURCE CODE: UR/0020/66/169/003/0511/0514

AUTHOR: Zhitarashu, N. V.

ORG: Voronezh Polytechnic Institute (Voronezhskiy politekhnicheskiy institut)

TITLE: Schauder estimates and the solvability of general boundary value problems for general parabolic systems having disconnected coefficients

SOURCE: AN SSSR. Doklady, v. 169, no. 3, 1966, 511-514

TOPIC TAGS: boundary value problem, parabolic equation, Cauchy problem, partial differential equation

ABSTRACT: The problem of the solvability of a parabolic system having coefficients of the form

$$\begin{aligned} & \mathcal{L}\left(x, t; \frac{\partial}{\partial x}, \frac{\partial}{\partial t}\right) u(x, t) = \\ & = \begin{cases} \mathcal{L}^{(1)}\left(x, t; \frac{\partial}{\partial x}, \frac{\partial}{\partial t}\right) u^{(1)}(x, t) = f^{(1)}(x, t), & (x, t) \in \Omega_1, \\ \mathcal{L}^{(2)}\left(x, t; \frac{\partial}{\partial x}, \frac{\partial}{\partial t}\right) u^{(2)}(x, t) = f^{(2)}(x, t), & (x, t) \in \Omega_2, \end{cases} \end{aligned}$$

is studied under boundary conditions $\sum_{j=1}^N d_{\alpha j} \left(x, t; \frac{\partial}{\partial x}, \frac{\partial}{\partial t}\right) u_j(x, t)|_S = \Phi_{\alpha}(x, t) \quad (\alpha = 1, \dots, br),$

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UDC: 517.919

ACC NR: AP6027947

along with given initial conditions and conjugacy conditions on S_0 , the lateral surface of a cylinder. Algebraic conditions for solvability on the boundary, initial and conjugate operators are set forth, along with conditions on the operator coefficients. A basic existence and uniqueness theorem is stated and its proof is indicated. The author thanks S. D. Eydel'man for proposing the problem directing the work, and assistance. Presented by Academician I. N. Vekua on 9 June 1965. Orig. art. has: 16 formulas.

SUB CODE: 12/

SUDH DATE: 03Sep65/

ORIG REF: 022/

OTH REF: 001

Card 2/2.

ZHITARASHU, N.V.

A priori estimates and solvability of general boundary value problems for general elliptic systems with discontinuous coefficients. Dokl. AN SSSR 165 no.1:24-27 N '65.

(MIRA 18.10)

1. Voronezhskiy politekhnicheskii institut. Submitted March 29, 1965.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820011-7

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820011-7"

ZAVAROV, G.V.; ZHITAREV, G.A.; KARABANOV, N.T.

Determination of phosphate by titrating with a solution of magnesium chloride. Zav.lab. 22 no.6:650-652 '56. (MLRA 9:8)

1. Chernorechenskiy khmicheskiy zavod imeni M.I. Kalinina.
(Phosphates--Analysis) (Titration) (Magnesium chloride)

ACC NR: AP7003902

SOURCE CODE: GE/0030/67/019/001/0441/0451

AUTHOR: Boyarskaya, Yu. S.; Koloskova, V. G.; Zhitaru, R. P.

ORG: Institute of Applied Physics, Academy of Sciences of the Moldavian SSR, Kishinev

TITLE: Effect of different lattice defects on the mobility of dislocations in alkali halide crystals

SOURCE: Physica status solidi, v. 19, no. 1, 1967, 441-451

TOPIC TAGS: alkali halide, lattice defect, crystal dislocation, sodium chloride ~~crystal~~, potassium chloride, ~~crystal~~ dislocation mobility, *x ray irradiation, radiation effect*

ABSTRACT: Potassium chloride and sodium chloride single-crystals were subjected to additive coloration treatment and x-irradiation. Conditions under which hardening and softening of these crystals occur were established. It was found the F-centers and colloids have no appreciable effect on dislocation mobility. It is suggested that several types of defects due to soft irradiation which are possibly connected with the capacity of this irradiation to generate vacancies in the

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ACC NR: AP7003902

crystal lattice are responsible for the hardening of irradiated NaCl crystals.
Orig. art. has: 9 figures and 3 tables. [Authors' abstract]

[DW]

SUB CODE: 20/SUBM DATE: 29Oct66/ORIG REF: 012/OTH REF: 014/

Card 2/2

ACC NR: AT6024012

SOURCE CODE: UR/0000/65/000/000/0076/0084

AUTHOR: Val'kovskaya, M. I.; Boyarskaya, Yu. S.; Zhitaru, R. P.

ORG: none

TITLE: On the nature of the anisotropy of the hardness of alkali-halide crystals

SOURCE: AN MoldSSR. Institut prikladnoy fiziki. Teoreticheskiye i eksperimental'nyye issledovaniya fizicheskikh svoystv poluprovodnikovyykh materialov i drugikh kristallov (Theoretical and experimental studies on physical properties of semiconductor materials and other crystals). Kishinev, Izd-vo Kartya Moldovenyasko, 1965, 76-84

TOPIC TAGS: alkali halide, crystal dislocation phenomenon, sodium chloride, hardness, crystal surface

ABSTRACT: The authors report investigations of the distribution of dislocations around scratches made on the face (001) of NaCl in the directions [100] and [110] for the purpose of determining the planes along which slipping develops as a result of scratches in these directions. The dislocation distribution was investigated by selective etching. The scratches were produced by a standard diamond pyramid of the PMT-3 instrument. The load on the pyramid ranged from 0.5 to 5 grams. The techniques used for the distribution of the dislocations around the scratches are described in some detail. All the methods yielded similar results. It is concluded that when the scratches are produced along the [100] direction, the slip develops essentially along the planes (011) and (0 $\bar{1}1$). When the scratches are made along [110], the slip occurs

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ACC NR: AT6024012

essentially on the (110) plane. Scratches along [100] produce a dislocation distribution similar to that obtained by striking a ball against the (001) face. The difference in hardness in the two directions is explained on the basis of the relative ease with which the slip planes are formed. Orig. art. has: 9 figures and 1 table.

SUB CODE: 20/ SUBM DATE: 25Jul65/ ORIG REF: 007/ , OTH REF: 001

Card 2/2

L 9217-66 EWT(1)/EWT(m)/EPT(n)-2/T/EWP(t)/EWP(b)/EWA(c) LIP(c) JD/02
ACC NR: AR6000122 SOURCE CODE: UR/0058/65/000/008/EO53/EO54

SOURCE: Ref. zh. Fizika, Abs. 8E402

AUTHORS: Boyarskaya, Yu. S.; Zhitary, R. P.

ORG: none

TITLE: Concerning the polarity of the mechanical properties on the (111) face of single-crystal NaCl

CITED SOURCE: Izv. AN MoldSSR. Ser. fiz.-tekhn. i matem. n., no. 12, 1964, 8-14

TOPIC TAGS: sodium chloride single crystal, crystal property, crystal lattice dislocation, hardness

TRANSLATION: Impact with a diamond pyramid was produced on the (111) face of NaCl single crystals. The dislocation distribution in the region of the print was disclosed by selective etching with subsequent multiple repolishing. The dislocation rosette on the surface had no clear-cut crystallographic form (at large loads, however, three rays in the directions $\langle 110 \rangle$ were distinctly pronounced) but on penetrating deeper in the crystal, three rays appeared in the three $\langle 112 \rangle$ directions, making an angle of 120° to one another. A rosette of such form offers evidence of polarity of the mechanical properties on the (111) face. The dislocations in the rosette were in the form of semi-loops: one end of the loop was located in the center of the imprint, and the other in the ray. Semi-loops lying with both ends in the ray were also encountered. Motion of the dislocations along the rays was observed

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L 9217-66

ACC NR: AR6000122

during the etching process, covering a distance 8--75 μ , and the shift in the direction from the center of the rosette was larger than in the direction towards the center. Comparison of the anisotropy of the microhardness, the form of the dislocation rosettes, and the form of the dislocations have made it possible to conclude that the polarity of the mechanical properties of NaCl on the (111) face is connected essentially with deformation over the slip planes perpendicular to (111).
A. Urusovskaya.

SUB CODE: 20

Card 2/2

KALUSTOV, G.Kh., polkovnik meditsinskoy sluzhby; ZHITEL'EV, I.P., podpolkovnik
meditsinskoy sluzhby; BLANUTSA, S.G.; SENDEROVA, N.Ya.

Treatment of first and second stage hypertension at the "Esheri"
sanatorium. Voen.-med. zhur. no.8:83 Ag '61. (MIRA 15:2)

(HYPERTENSION)

ZHITENEV, A.N.

Reliability of the average size of *Oncorhynchus gorbuscha* Walb.
eggs as related to the quantity of eggs under investigation.
Trudy MMBI no.9:41-43 '65. (MIRA 18:12)

ZHITENVA, L.D.; ZHITENEV, A.N.

Effect of various fixation methods on the calcium content in eggs
of *Oncorhynchus gorbuscha* Walb. Truly MMBI no.9:44-46 '65.
(MIRA 18:12)

ZHITENEV, D.V.

Occurrence of new birds in the coastal region of Lake Telstakoya.
Okhr. prir. Sib. i Dal'. Vost. no.1:196-197 '62. (MIRA 17:5)

ZHITENEVA, G.M.; ROMYANTSEV, Yu.V.; NADOL'SKIY, A.P.; OGNEVA, E.Ya.

Oxidation of lead selenide. Report No. 1. Trudy IPI no.18:
130-138 '63. (MIRA 17:6)

RUMYANTSEV, Yu.V.; NADOL'SKIY, A.P.; ZHITENEVA, G.M.

Oxidation of lead selenide. Trudy IPI no.18:139-144 '63.
(MIRA 17:6)

TSEPT, A.L.; RUMYANTSEV, Yu.V.; ZHITENEVA, G.M.; KOCHKIN, V.P.

Extraction of selenium and tellurium in the treatment of copper and
copper-nickel slimes. Trudy Vost.-Sib.fil. AN SSSR no.25:52-59 '60.
(MIRA 13:9)

(Selenium)

(Tellurium)

RUMYANTSEV, Yu.V.; ZHITENKOVA, G.M.; KOCHKIN, V.P.

Volatility of indium sulfide. Trudy Vost.-Sib.fil. AN SSSR no.25:
110-116 '60.

(Indium sulfide)

(MIRA 13:9)

RUMYANTSEV, Yu. V.; ZHITENEVA, G. M.; BOLONDZ', F. M.

Thermal stability of iron and nickel selenides and tellurides.

Trudy Vost. Sib. fil. AN SSSR no.41:114-120 '62.

(MIRA 15:10)

1. Vostochno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.

(Iron telluride—Thermal properties)

(Iron selenide—Thermal properties)

(Nickel telluride—Thermal properties)

(Nickel selenide—Thermal properties)

ZHITENEVA, G. M.; RUMYANTSEV, Yu. V.; BOLONDZ', F. M.

Volatility of selenic and telluric silver. Trudy Vost. Sib. fil.
AN SSSR no.41:121-127 '62. (MIRA 15:10)

1. Vostochno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.
(Silver compounds) (Volatility)

ZHITENEVA, L.D.; ZHITENEV, A.N.

Effect of various fixation methods on the calcium content in eggs
of *Oncorhynchus gorbuscha* Walb. Trudy MMBI no.9:44-46 '65.
(MIRA 18:12)

ZHITENEVA, L.D.; GALKINA, L.A.

Morphometric characteristics of young *Oncorhynchus gorbuscha*
and *Oncorhynchus keta* produced in the fish hatcheries of
Murmansk Province and Sakhalin. Trudy MMBI no.9:67-87 '65.
(MIRA 18:12)

ZHITARSKI, D.

We have good land. p. 8.

Vol. 10, no. 11, Nov. 1955
KOOOPERATIVNO ZEMEDELIE
Sofiya, Bulgaria

So; Eastern European Accession Vol. 5 No. 1 Jan. 1956

ZHITILEV, S. (Leningrad)

Man with daring technical mind. Prom.koop. 12 no.4:22-23 Ap '58.
(Nikitin, Nikolai Aleksandrovich) (MIRA 11:4)

VOLODIN, A.; IVANOVA, T.; ZHITELEV, S.; ZAYTSEVA, T.; GATCHINSKIY, M.;
LOTSEV, I.; PETROVA, V.; ZHUKOV, Ya.

You are in Leningrad. Mest.prom.i khud.promys. 2 no.2:5-15 P
'61. (MIRA 14:4)

1. Glavnyy inzhener Leningradskoy fabрики po remontu i poshivu
obuvi No 1 (for Petrova).

2. Direktor fabрики "Muzradio" (for Zhukov).

(Leningrad--Service industries)

ZHITENEVA, G. M.; RUMYANTSEV, Yu. V.

Polarographic determination of selenium and tellurium. Trudy Vost.
Sib. fil. AN SSSR no. 41:155-157 '62. (MIRA 15:10)

1. Vostochno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.

(Polarography) (Selenium) (Tellurium)

ZHITENEVA, L.D.

Fishing by Sinds; based on excavation material of the
ancient site of Semibratneye, 6th - 2d centuries. B.C. Bul.
MOIP. Otd. biol. 70 no. 6:50-59 N-D '65 (MIRA 19:1)

TSEYDLER, S.A., kand.med.nauk; POKROVSKIY, V.I., kand.med.nauk;
ZHITENEVA, L.P., (Moskva)

Benign lymphoreticulosis (cat scratch disease). Klin.med. 38
no.3:95-101 Mr'60. (MIRA 16:7)

1. Iz kafedry infektsionnykh bolezney (zav.-prof. K.V.Bunin)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni
Sechenova.

(CAT SCRATCH DISEASE)

TSEYDLER, S. A.; kandidat meditsinskikh nauk; ZHITENKOVA, L. P.

Problem of telangiectasis in Botkin's disease. Sov. med. 19 no.11:
36-40 N '55 (MLRA 9:1)

1. Iz Moskovskoy klinicheskoy infektsionnoy bol'nitsy No.1
(glavnyy vrach N. G. Zaleskver).

(TELANGIECTASIS, complications,
Hepatitis, infect.

(HEPATITIS, INFECTIOUS, complications
telangiectasis)

GORBANEV, A.I.; TSENTSIPER, A.B.; ZHITENEVA, P.M.; DANILOVA, M.S.

Reaction of dissociated vapors of H_2O_2 at a temperature of $-196^\circ C$.
Izv. Sib. otd. AN SSSR no.5:43-52 '58. (MIRA 11:9)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova
AN SSSR.

(Hydrogen peroxide) (Electric discharges through gases)

ZHITENEVA, T.S.

Some characteristics of the late stages of the development of
bream (*Abramis brama* (L.)) in Rybinsk Reservoir. Vop. ikht. 2
no. 2:316-324 '62. (MIRA 15:11)

1. Institut biologii vodokhranilishch AN SSSR, Borok Yaroslavskoy
oblasti.

(Rybinsk Reservoir--Bream)

ZHITENEVA, T.S.

Availability of food to bream on typical fattening grounds of
Rybinsk Reservoir. Vop. skol. 5:64-65 '62. (MIRA 16:6)

1. Institut biologii vodokhranilishch AN SSSR, Borok.
(Rybinsk Reservoir—Bream) (Fishes—Food)

ZHITENEVA, T.S.

Feeding the bream in Gorkiy Reservoir. Trudy Inst. biol. vodokhran
no.3:170-175 '61. (MIRA 14:3)

Gorkiy Reservoir—Bream) (Fishes—Food)

ZHITENEVA, T.S.

Food of the bream in Rybinsk Reservoir. Trudy Biol. sta. "Borok"
no.3:259-272 '58. (MIRA 11:9)
(Rybinsk Reservoir--Bream) (Fishes--Food)

ZHITENEVA, T.S.

Feeding of the young of bream in Rybinsk Reservoir. Trudy Inst.
biol. vodokhran. no.1:259-268 '59.. (MIRA 13:2)
(Rybinsk Reservoir--Bream) (Fishes--Food)

ZHITENKO, P.V.; FUSAKOV, V.N.; TARSHIS, M.G.; POLYAKOVA, A.I.,
red.

[Primary processing and storing of livestock produce on
collective and state farms] Pervichnaia pererabotka i khra-
nenie produktov zhivotnovodstva v kolkhozakh i sovkhozakh.
Moskva, Rossel'khozizdat, 1965. 171 p. (MIRA 18:8)

SHILINRO, P. V.

"Methods for Investigating the Freshness of Poultry Meat." Cand Vet Sci, Moscow Veterinary Academy, Moscow, 1954. Dissertation (Referativnyy Zhurnal--Khimiya Moscow no 2, Jan 54)

SO: SUM 186, 19 Aug 1954

KOLLEROV, D.K.; MATVEYEVA, N.I.; ZHITENSKAYA, V.A.

Physicochemical properties of liquid products obtained from the
thermal treatment of Volga area oil shales. Trudy VNIIPS no.4:
223-235 '55. (MIRA 13:4)
(Oil shales)

KOLLEROV, D.K.; ZHITENSKAYA, V.A.

Resistance of a layer of crushed shale to the flow of a gas.
Khim. i tekhn. topl. i masel. 3 no.7:15-21 J1 '58. (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke slantsev.

(Oil shales) (Gas flow)

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KOLLEROV, D.K.; ZHITENSKAYA, V.A.

Diagram for conversion of boiling points of shale products.
Trudy VNIIPS no.3:86-89 '55. (MIRA 8:12)
(Baltic Sea region--Oil shales) (Hydrocarbons)

USSR/General Problems of Pathology - Allergy.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4080

Author : Tul'chins'kaya, V.P., Faytel'berg, R.O., Zhitets'kaya, L.L., Anzinye, K., Aplyak, I.V.

Inst : Odessa University.

Title : Alteration of Allergic Reactions of the Sensitized Organism Following Administration of Caffeine, Bromine and Strychnine

Orig Pub : Tr. Odessk. un-ta. Ser. biol. n., 1957, 147, No 8, 59-63

Abstract : Rabbits were sensitized with brucellosis antigen. Prolonged administration (in the course of 10-15 days) of small doses of strychnine (0.02 mg) or bromine (0.2 g/kg in the course of 20 days) produced desensitization of the rabbits. Caffeine intensified the allergic reactions, while bromides in moderate doses failed to change the reactivity.

Card 1/1

ZhITETsKAYa, F. D. Cand Tech Sci-- (diss) "Investigation by Various
Methods of Turf Adjoining Bodies of Water," Moscow, 1960, 18 pp, 200
copies (Kaliningrad Peat Institute) (KL, 47/60, 102)

FADEYEVA, V.S., dr. tekhn. nauk; ZHITETSKAYA, F.D., kand. tekhn. nauk;
DIKANOVA, N.A., inzh.

Quick method of estimating the viscosity of mastics, glues,
and paints. Sbor. trud. VNIINSM no.8:134-145 '63.
(MIRA 17:9)

"APPROVED FOR RELEASE: 07/19/2001

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APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820011-7"

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ACCESSION NR AP4045184

L 26732-66 EWT(d)/T/ENP(1) IJP(c) BB/GG/BC

ACC NR: AP6013100

SOURCE CODE: UR/0102/66/000/002/0008/0016

AUTHOR: Zhytets'kyi, L. S. -- Zhitetskiy, L. S. (Kiev);
Skurykhin, V. I. -- Skurikhin, V. I. (Kiev)

43
E

ORG: none

TITLE: Application of the invariance principle in digital servo-
 systems with programmed control

9

SOURCE: Avtomatyka, no. 2, 1966, 8-16

TOPIC TAGS: digital computer system, computer programming, linear
 function, functional equation, servosystem

ABSTRACT: The applicability of the invariance principle to digital
 servosystems with programmed control, in which a continuous-action
 digital computer is used as the control member, has been examined.
 The problem was solved by investigating the latent oscillations
 arising between moments of testing the system. The research was
 limited to the special case, when the PNF has a stable inverse trans-
 fer function. An equation characterizing the motion of the system
 between time points was obtained. The oscillation taking place within
 intervals of discreteness were investigated for the cases when the
 task is a linear and a parabolic lattice function of time. For these

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L 26732-66

ACC NR: AP6013100

special cases, equations were obtained determining the dependence of the maximum dynamic error and the time of the transition process from the parameters of the servosystem and the digital computer. Graphs of the transitional processes and computation examples indicate clearly the possibility of applying the invariance principle to systems with programmed control, requiring high quality. Orig. art. has: 5 figures and 25 formulas. [Based on author's abstract] (NT)

SUB CODE: 09/ SUBM DATE: 15Apr65/ ORIG REF: 007/ OTH REF: 002

Card 2/2 FV

L 29247-66 ENT(d)/ENP(1) IJP(c) BC

ACC NR: AP6019310

SOURCE CODE: UR/01.02/65/000/003/0019/0026

AUTHOR: Zhytets'kyi, L. S.--Zhitetskiy, L. S. (Kiev); Skurykhin, V. I.--
Skurikhin, V. I. (Kiev)

38
B

ORG: none

TITLE: Some problems of the dynamics of combined servomechanisms of machines with program control

SOURCE: Avtomatyka, no. 3, 1965, 19-26

TOPIC TAGS: servomechanism, digital system

ABSTRACT: Transient responses in combined servomechanisms designed for machines with digital program control are considered. These responses occur at the moment of passing of conjugate points of the interpolated section of a trajectory as a result of the impossibility of organizing infinitely large control signals required to satisfy the invariance conditions. Analytical dependences are established which couple the maximum dynamic error with servo drive parameters, the geometry of the loop, and the kinematics of motion. It is also possible to consider first all aspects of the control process (technical requirements of reproduction quality, geometry of the loop, dynamics of the actuating mechanism) on a universal computer which prepares the program for machine lathes with program control. Orig. art. has: 4 figures and 19 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: 25Jul64 / ORIG REF: 007

Card 1/1 CC

ZHITETSKIY, L.S [Zhytets'kyi, L.S.] (Kiyev)

Problem of the synthesis of a program control system containing
a digital computer. Avtomatyka 9 no.5:36-41 '64.

(MIRA 18:2)

RUMYANTSEV, A.V., inzh.; ZHITINETS, M.P., inzh.; SAL'NIKOV, K.S., inzh.

Method of copying and measuring a standard workpiece used in machining
conoid surfaces. Vest. mash. 37 no.8:52-56 Ag '57. (MIRA 10:9)
(Milling machines)

ZHITINSKAYA, V.A.

I.P. NIKHAMOV, Goryuchie Slantzui 5, No 3, 66-75,1935

36(9)

28.1000

AUTHORS:

Leviko, M.; Zhitinskiy, L.

TITLE:

On the Order of the Day: Technical Progress

PERIODICAL:

Grazhdanskaya aviatsiya, 1960, Nr 5, pp 5-6 (USSR)

ABSTRACT:

This describes technical progress in a number of GVF installations. The report of A.N. Kosygin in the Supreme Soviet is referred to. Several fliers of the Vostochno-Sibirskoye territorial'noye upravleniye (East Siberian Territorial Directorate) have flown more than 1,000 hours in the Tu-104, including Comrades Glushenkov, Yegorov, Ksyunin, Suslov and Serebryannikov. At the aviation repair undertaking headed by Comrade Izmiryan Tu-104's are repaired on an endless line. The workers have undertaken to repair over and above the plan two Tu-104's and 50 ASh-82T engines. At the undertaking headed by Comrade Shakhov

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S/084/60/000/05/011/060

D047/D006

On the Order of the Day: Technical Progress

the repair of jet engines has been fully automated. Preparations are being made to repair the airscrews of AI-20 engines on a line. Technical progress is being made at the Novosibirskiy, Sverdlovskiy, Alma-Atinskiy, L'vovskiy and Khabarovskiy aeroports (Novosibirsk, Sverdlovsk, Alma-Ata, L'vov and Khabarovsk airports). Technical flight conferences are an effective way of putting into effect the decisions of the June plenum of the Central Committee. Such a conference was held in the section commanded by Comrade Sirotin, of the Severnoye upravleniye (Northern Directorate). Those who took part in the discussions were comrades Tsibasov, section engineer; Captain Gudkevich; Navigator Astashkevich; Gorbachev and Kapitel', flight mechanics; and Illarionov, head of the OTK LERM. Comrades Mochek and Golubenko, engineers of GosNII GVF, spoke at a conference on the Il-18 in the Kazakhskoye upravleniye (Kazakh Direc-

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69739

S/084/60/000/05/011/060
DO47/DO06

On the Order of the Day: Technical Progress

torate). Conferences held in the Zapadno-Sibirskoye upravleniye (West Siberian Directorate) and Belorusskoye upravleniye (Belorussian Directorate) are also mentioned. In the latter the following took part: Comrades Gorbashenko, instructor flight-mechanic; Zekhov, radio-operator instructor; Barkovskiy, senior navigator; Konakov, flight mechanic; Shaktarina, head of the LERM canteen brigade; Captain Neklyudov. Another conference was held at the repair undertaking where Comrade Gur'yanov is secretary. The Politicheskoye upravleniye GVF (Political Directorate GVF) has recommended that party organizations should have a creative approach to these conferences. There is 1 photograph.

Card 3/3

LEVIKOV, M.; ZHITINSKIY, L.

On the agenda: Technical progress. Grazhd.av. 17 no.5:5-6 My
'60. (MIRA 13:7)
(Airports--Equipment and supplies)

ZHITINSKIY, I.

Schools for propagandists. Grazhd.av 17 no.3:12
Mr. '60. (MIRA 13:6)

1. Instruktor Politupravleniya Grazhdanskogo vozduhnogo
flota.

(Aeronautics, Commercial)
(Communist Part of the Soviet Union--Party work)

22

AUTHORS:

Levnikov, M., and Zhitinskiy, L.

TITLE:

Before the Court of Comrades

PERIODICAL:

Grazhdanskaya aviatsiya, 1959, Nr 10, pp 28-29 (USSR)

ABSTRACT:

SOV/84-59-10-40/53

Stressing the importance of the "comrades' courts" in the education of the masses in the spirit of Communist morals, the authors list a series of examples of the successful work of such courts, enumerate the GVF subunits where this useful practice has been neglected, and urge the local press to support and popularize the decisions of the courts. The comrades' courts were efficiently used in the Moskovskoye, Ukrainskoye and Kazakhskoye upravleniye GVF (Administration of the GVF), in the Yakutskaya aviagruppa (Yakutskaya Air Group). The sessions of these comrades' courts were attended by all personnel. It is not so in the subunit commanded by Alekseyev (Syktyvkarskaya Air Group), where in 1958, the comrades' court had only one session, or in the subunit

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Before the Court of Comrades

SOV/84-59-10-40/53

commanded by Filenkin (Northern Administration), where not a single session of the court took place in 1959. Unsatisfactory sessions of the courts were noted also in the Moldavskaya Air Group, in a number of subunits of the Krasnoyarskoye and Azerbaydzhan-skoye Administrations, in the subunit commanded by Romanov (Volga Area Administration). The sessions at Baku, Vnukovo and Kuybyshev airports used to be attended by only a few of the personnel. The initiative displayed by the Ukrainskoye Administration of the GVF in conducting a seminar for the chairmen of the comrades' courts, at which lectures were delivered by the state prosecutor of Kiyev and by the prosecutor of the South-Western railroad is praised. The authority of a comrades' court, to a great measure, depends on its chairman. An outstanding captain, Ivan Grigor'yevich Yaroshenko, was elected to be the chairman of the comrades' court in a subunit of the Moskovskoye Administration. A respected Communist, engineer, and chief of a shop, Aleksey Sergeyevich Smirnov was for the third time reelected to

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Before the Court of Comrades

SOV/84-59-10-40/53

that position in the Vnukovo airport's LERM.

Card 3/3

LEVIKOV, M.; ZHITINSKY, I.

Propositions prompted by experience. Grashd. sv. 14 no. 5:28-30
My '57.

(Aeronautics, Commercial)

(MLRA 10:8)

ZHITINSKIY, L.

Conferences on political theory. Grazhd.av. 16 no.3:19-20
Mr '59.

(MIRA 12:4)

1. Instruktor Politupravleniya Grazhdanskogo vozdushnogo flota.
(Air lines--Employees--Education and training)

ZHITINSKIY, L.

84-5-21/42

AUTHORS: Levikov, M., and Zhitinskiy, L.

TITLE: Life Suggests Improvements (Predlozheniya podskazannyye zhizn'yu)

PERIODICAL: Grazhdanskaya Aviatsiya, 1957, Nr 5, pp. 28-30 (USSR)

ABSTRACT: The article is a response to the decisions made by the XX Party Congress. Aviation workers held a number of economic conferences to discuss further possibilities of lowering the cost of flights, increasing the volume of operations and introducing relevant improvements. The article summarizes these suggestions. The following improvements in flying are possible: to straighten the routes between certain points, like Leningrad-Moscow by 110 km or Stalino-Krasnodar by 150 km; not to fly too high when a lower altitude is time-saving; to adhere to schedules and regularity of flights; to establish stationary searchlight units on landing strips; to promote socialist competition; to speed up repair jobs and eliminate idling; not to misuse parts and to load each plane to its full capacity; to deliver goods in time and thus avoid paying fines. The following examples are quoted to illustrate the debate at the numerous conferences of aviation workers, held all over the country following the XX Party Congress: during the 10 months of the last year,

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Life Suggests Improvements (cont.)

84-5-21/12

in the unit commanded by comrade Dobudoglyy 486 flights were cancelled, thus losing 713,000 ton/km. Comrade Fostikov, aircraft commander with the Ukrainian Territorial Administration, suggested shortening the flight time between Khar'kov and Sverdlovsk by half an hour by flying at a lower altitude. Comrade Kol'tsov, unit commander with the Northern Territorial Administration, declared that in 1956 flights on the route Moscow-Arkhangel'sk were only 52 per cent of the scheduled regularity. Comrade Naydenyshev, party secretary at Novosibirsk airport, urged following the highest performance standards in competition. He was echoed by aircraft commanders Kuchava and Gezhoyan, with the Georgian Territorial Administration. The unit commanded by comrade Kosenko fulfilled the plan of cargo transport by 121-122 per cent. However, the same unit is criticized in the direction of Simferopol', as stated by comrade Ovechkin, traffic control chief with the unit, only 45.5 per cent of the plan was filled. The planes should be loaded to their full capacity; instead, the article complains, 100 kg below load norm is considered unimportant. In fact, it means a loss of 128 ton/km (per plane) on the route Moscow-Khar'kov, and 1140 ton/km on the route Khar'kov-Sverdlovsk. Due to such "trifles" the Tbilisi airport failed to deliver 150 tons of cargo. In the North-Caucasian Administration, 2370 tons were wasted by incomplete loadings, and this means a loss of 145,000 rubles.

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